DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

COVALENT JOINING TOPOISOMERASE	OF DNA	STRANDS	TO RNA	STRANDS	CATALY	ZED BY V	ACCINIA	
the specification of wh (check one)	ich:							
		is attached	hereso.					
	<u>X</u>	was filed o	n Jun	e 12, 19	98			as
	Applica	ntion Serial .	No. 09/	096,927				
	and wa:	s amended _						
			1			(if app	plicable)	
I acknowledge the duty to be material to paten I hereby claim foreign p 365(b) of any foreign International Applications claimed:	riority ber application which ntified be on having	s defined in nefits under on(s) for pa n designated low any for	Title 37. l Title 35. l tient or in d at least eign appl	Code of Fed United State ventor's ce one count fication for	deral Regi es Code. S raficate. c ry other t patent or	ulations, S Section 11: or Section han the U inventor's plication j	Tection 1.56. (a)-(d) or S 365(a) of an Inited States, certificate, of rom which p	Section 1y-PCT , listed or PCT
Prior Foreign Applicat	non(s)					Priori	ty Claimed	
' <u>Number</u> N/A	. <u>Cou</u>	intry		Filing Date	<u>e</u>	<u>Yes</u>	<u>No</u>	
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Declaration and I	Power o	f Attorner
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I hereby claim the benefit under Title 35. United States Code. Section 119(e) of any United States provisional application(s) listed below:

Provisional Application No.	Filing Date	<u>Status</u>
60/049,405	June 12, 1997	Abandoned
	-	

I hereby claim the benefit under Title 35. United States Code, Section 120 of any United States Application(s), or Section 365(c) of any PCT International Application(s) designating the United States listed below. Insofar as this application discloses and claims subject matter in addition to that disclosed in any such prior Application in the manner provided by the first paragraph of Title 35. United States Code, Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37. Code of Federal Regulations, Section 1.56, which became available between the filing date(s) of such prior Application(s) and the national or PCT international filing date of this application:

Application Serial No.		Filing Date		<u>Status</u>		
N/A		_		•		
						
			 ,			
						
-			_			

And I hereby appoint

John P. White (Reg. No. 28.678); Christopher C. Dunham (Reg. No. 22.031); Norman H. Zivin (Reg. No. 25,385); Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25.702); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29.691); Wendy E. Miller (Reg. No. 35.615); Richard S. Milner (Reg. No. 33,970); Albert Wai-Kit Chan (Reg. No. 36.479); Robert T. Maldonado (Reg. 38.232); Paul Teng (40.837); Gerard M. Wissing (Reg. No. 36.309); George M. MacDonald (Reg. No. 39.284); Richard F. Jaworski (Reg. No. 33.515); Elizabeth M. Wieckowski (Reg. No. P-42,226); and Pedro C. Fernandez (Reg. No. P-41,741)

and each of them, all c/o Cooper & Dunham LLP. 1185 Avenue of the Americas, New York, New York 10036, my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Please address all communications, and direct	all telephone calls.	regarding this	application to:
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John P. White	Reg. No. 28,678
Cooper & Dunham LLP	
1185 Avenue of the Americas	
New York, New York 10036	
Tel. (212) 278-0400	•

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventorStewart Shuman
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•
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Invenior's signature Jolinn Sekiquehi
Citizenship United States of America Date of signature 07 08 98
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